



# CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

August 1994

## JUNE 1994

This bulletin covers 27 agricultural industries in the state of California. The number of industries range from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

**NOTE: Data in this bulletin are now available electronically through a personal computer and modem. Our Labor Market Information Division's new Bulletin Board System can be accessed by dialing (916) 262-2BBS (262-2227).**

California's agricultural employment totaled 425,200 in June, an increase of 8,300 over the May 1994 level of 416,900. (Table 1-A.) This was a two percent decrease over the June 1993 total. Employment increased in the Desert (Grapes) and decreased in the South Coast (Fruits and Tree Nuts). The remaining regions recorded little change from May.

### Wage and Salary Workers in Agricultural Establishments

For June 1994

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	425.2	186.2	67.1	67.2	42.9	29.9	14.5
Total Crops	233.6	86.6	47.6	44.8	20.0	20.8	10.2
Total Livestock	26.2	13.7	2.3	1.1	5.3	1.6	2.0
Total Services	165.4	85.9	17.2	21.3	17.6	7.5	2.3

Source: Tables 1-A through 7-A.

## CHANGES FROM ONE YEAR AGO

Agricultural employment in California was 8,300 below the June 1993 total. (Tables 1-A through 7-A.)

The average hourly earnings for California production workers in June 1994 were \$6.45, a one cent increase from the June 1993 figure. (Table 1-E).

## REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during June were:

- Desert: Vineyards (prune).
- South Coast: Strawberries, oranges, broccoli, and lemons (harvest), tomato and horticulture (plant, cultivate & harvest).
- Central Coast: Broccoli, lettuce, and strawberries (harvest), miscellaneous vegetables (harvest/preharvest), and horticulture (plant, cultivate & harvest).
- San Joaquin Valley: Cotton (chop/hoe), garlic, nectarines, dry onions, peaches, plums, tomatoes, and potatoes (harvest), seed crops (preharvest), melons and tomatoes (thin and hoe) and orchards (thin).
- Sacramento Valley: None
- North Coast: Wine grapes (suckering).

## AGRICULTURAL PRODUCTION WORKERS

Statewide agricultural production worker employment was 399,400 in June, up 9,600 over the May level of 389,800. (Table 1-B.)

The June average weekly earnings for California production workers were \$272.84. Regional averages ranged from a low of \$251.03 in the San Joaquin Valley Region to a high of \$325.42 in the North Coast. (Tables 1-C through 7-C.)

The average hourly workweek in California was 42.3 hours in June, 0.4 hours above the May level of 41.9 hours. The region with the shortest workweek was the Desert with 39.4 hours. The longest workweek was in the Sacramento Valley Region at 49.3 hours. (Tables 1-D through 7-D.)

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## Average Hourly Earnings of Production Workers

For June 1994

(In Dollars per Hour)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	6.45	6.02	6.74	7.24	6.92	5.79	7.28
Total Crops	6.39	5.98	6.56	7.02	6.82	5.90	7.16
Total Livestock	7.29	7.40	7.49	7.32	8.29	6.55	6.79
Total Services	6.38	5.80	7.20	7.77	6.53	5.30	8.16

Source: Tables 1-E through 7-E.

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### **DATA SOURCES:**

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

### **DATA COMMENTS:**

**ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.**

To aid in accurate usage and interpretation of the data, please note the following:

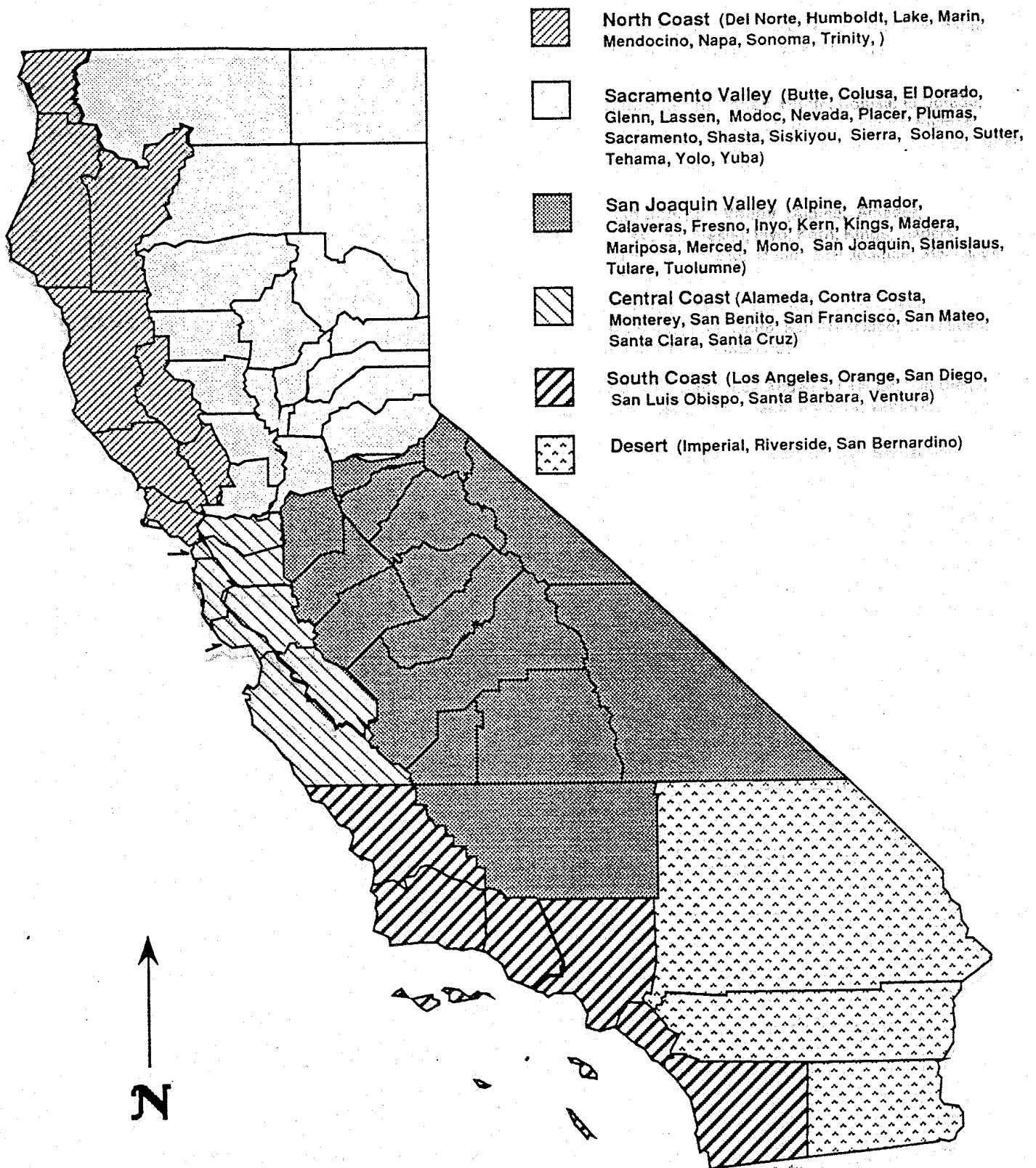
- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-0019 or call (916) 262-2321.** (Calnet 8-469-2321).

# CES-AG REPORTING REGIONS

## LABOR MARKET INFORMATION DIVISION

### EMPLOYMENT DEVELOPMENT DEPARTMENT



## Wage and Salary Employment

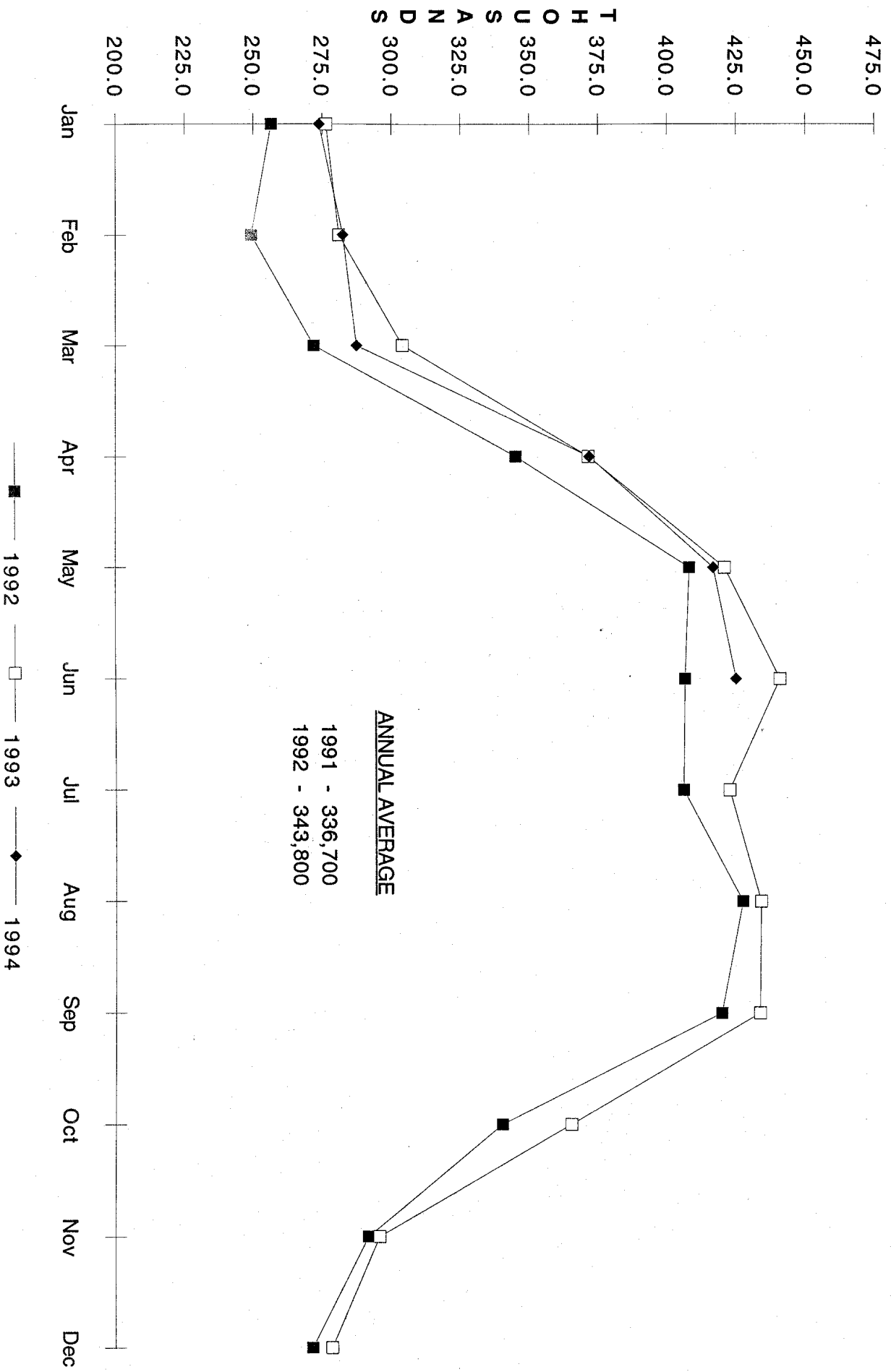


TABLE 1-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	425.2	416.9	433.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	233.6	229.4	238.8
CASH GRAINS	2.9	3.2	2.9
RICE	1.5	1.9	1.5
OTHER CASH GRAINS	1.4	1.3	1.4
FIELD CROPS EXCEPT CASH GRAINS	14.8	14.6	15.0
COTTON	7.9	7.4	8.1
OTHER FIELD CROPS	6.9	7.2	6.9
VEGETABLES AND MELONS	38.6	37.2	38.0
TOTAL FRUITS AND TREE NUTS	111.0	109.0	115.9
BERRIES	27.9	29.8	26.7
GRAPES	38.7	34.8	42.8
TREE NUTS	6.1	6.4	6.4
CITRUS FRUITS	6.5	6.8	6.3
DECIDUOUS TREE FRUIT	19.8	19.7	21.3
OTHER FRUITS AND NUTS	12.0	11.5	12.4
TOTAL HORTICULTURAL SPECIALTIES	29.6	30.0	31.8
ORNAMENTAL FLORAL & NURSERY	26.3	26.7	28.5
FOOD CROPS GROWN UNDER COVER	3.3	3.3	3.3
GENERAL FARM PRIMARILY CROP	36.7	35.4	35.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	26.2	26.0	26.6
BEEF CATTLE FEED LOTS	0.6	0.6	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.7	3.6	3.8
DAIRY FARMS	13.9	13.9	13.9
CHICKEN EGGS	2.8	2.8	2.9
TURKEYS & TURKEY EGGS	1.0	1.0	1.0
OTHER LIVESTOCK	4.2	4.1	4.4
TOTAL AGRICULTURAL SERVICES	165.4	161.5	168.1
SOIL PREPARATION SERVICES	1.3	1.3	1.2
CROP SERVICES	45.7	44.5	46.6
PLANT CULTIVATE & PROTECTION	6.2	6.5	6.3
HARVEST PRIMARILY BY MACHINE	9.0	7.9	9.1
PREPARATION SVCS FOR MARKET	29.7	29.2	30.4
COTTON GINNING	0.8	0.9	0.8
TOTAL FARM LABOR & MANAGEMENT	118.4	115.7	120.3
FARM LABOR CONTRACTORS	109.6	107.1	110.8
FARM MANAGEMENT SERVICES	8.8	8.6	9.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	399.4	389.8	406.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	216.6	211.6	221.3
CASH GRAINS	2.5	2.7	2.6
RICE	1.3	1.6	1.3
OTHER CASH GRAINS	1.2	1.1	1.3
FIELD CROPS EXCEPT CASH GRAINS	13.4	13.2	13.8
COTTON	7.1	6.7	7.6
OTHER FIELD CROPS	6.3	6.5	6.2
VEGETABLES AND MELONS	35.8	34.2	35.0
TOTAL FRUITS AND TREE NUTS	105.9	103.3	110.6
BERRIES	27.4	29.2	26.3
GRAPES	36.8	32.4	40.5
TREE NUTS	5.4	5.5	5.7
CITRUS FRUITS	6.0	6.3	5.7
DECIDUOUS TREE FRUIT	18.9	18.9	20.6
OTHER FRUITS AND NUTS	11.4	11.0	11.8
TOTAL HORTICULTURAL SPECIALTIES	24.1	24.7	26.2
ORNAMENTAL FLORAL & NURSERY	21.2	21.8	23.3
FOOD CROPS GROWN UNDER COVER	2.9	2.9	2.9
GENERAL FARM PRIMARILY CROP	34.9	33.5	33.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	23.3	23.1	23.5
BEEF CATTLE FEED LOTS	0.5	0.5	0.5
BEEF CATTLE EXCEPT FEED LOTS	3.1	3.0	3.1
DAIRY FARMS	13.0	13.0	13.0
CHICKEN EGGS	2.2	2.2	2.3
TURKEYS & TURKEY EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	3.7	3.6	3.8
TOTAL AGRICULTURAL SERVICES	159.5	155.1	161.4
SOIL PREPARATION SERVICES	1.0	1.0	0.9
CROP SERVICES	41.9	40.3	42.6
PLANT CULTIVATE & PROTECTION	5.4	5.7	5.5
HARVEST PRIMARILY BY MACHINE	8.6	7.4	8.8
PREPARATION SVCS FOR MARKET	27.3	26.6	27.7
COTTON GINNING	0.6	0.6	0.6
TOTAL FARM LABOR & MANAGEMENT	116.6	113.8	117.9
FARM LABOR CONTRACTORS	108.4	105.8	109.2
FARM MANAGEMENT SERVICES	8.2	8.0	8.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	272.84	269.42	266.62
TOTAL AGRICULTURAL PRODUCTION/CROPS	285.63	275.99	276.69
CASH GRAINS	358.04	372.50	348.87
RICE	366.45	384.44	347.30
OTHER CASH GRAINS	349.38	356.43	350.63
FIELD CROPS EXCEPT CASH GRAINS	329.79	309.11	326.23
COTTON	326.14	296.36	322.32
OTHER FIELD CROPS	332.84	322.71	330.72
VEGETABLES AND MELONS	337.81	332.99	313.90
TOTAL FRUITS AND TREE NUTS	259.37	243.61	249.86
BERRIES	280.58	221.43	248.68
GRAPES	252.70	253.92	261.09
TREE NUTS	268.05	265.37	248.89
CITRUS FRUITS	281.46	276.01	266.32
DECIDUOUS TREE FRUIT	227.57	223.10	229.61
OTHER FRUITS AND NUTS	267.18	276.45	242.08
TOTAL HORTICULTURAL SPECIALTIES	324.74	325.02	311.22
ORNAMENTAL FLORAL & NURSERY	317.30	317.45	302.53
FOOD CROPS GROWN UNDER COVER	378.56	381.88	382.20
GENERAL FARM PRIMARILY CROP	264.78	261.80	271.80
TOTAL AGRIC PRODUCTION/LIVESTOCK	352.11	367.19	339.34
BEEF CATTLE FEED LOTS	364.74	355.51	352.40
BEEF CATTLE EXCEPT FEED LOTS	331.34	334.97	326.05
DAIRY FARMS	363.83	393.68	356.24
CHICKEN EGGS	323.04	307.80	305.31
TURKEYS & TURKEY EGGS	362.16	357.56	324.58
OTHER LIVESTOCK	339.63	338.20	312.18
TOTAL AGRICULTURAL SERVICES	242.44	246.91	243.33
SOIL PREPARATION SERVICES	497.04	491.40	536.35
CROP SERVICES	283.29	305.62	275.08
PLANT CULTIVATE & PROTECTION	326.75	334.59	292.30
HARVEST PRIMARILY BY MACHINE	260.11	310.31	243.70
PREPARATION SVCS FOR MARKET	281.00	296.84	281.06
COTTON GINNING	336.20	342.78	292.00
TOTAL FARM LABOR & MANAGEMENT	225.90	223.94	229.14
FARM LABOR CONTRACTORS	220.66	218.22	224.10
FARM MANAGEMENT SERVICES	296.72	305.81	288.96

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 1-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN HOURS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	42.3	41.9	41.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.7	43.6	43.3
CASH GRAINS	53.2	54.3	52.7
RICE	52.5	54.3	50.7
OTHER CASH GRAINS	54.0	54.5	54.7
FIELD CROPS EXCEPT CASH GRAINS	52.1	49.3	51.7
COTTON	51.2	47.8	50.6
OTHER FIELD CROPS	53.0	50.9	53.0
VEGETABLES AND MELONS	49.1	48.4	45.1
TOTAL FRUITS AND TREE NUTS	41.7	40.2	40.3
BERRIES	43.5	35.6	39.1
GRAPES	39.3	39.8	39.8
TREE NUTS	44.9	44.6	42.4
CITRUS FRUITS	39.2	37.4	38.1
DECIDUOUS TREE FRUIT	42.3	41.7	41.9
OTHER FRUITS AND NUTS	43.8	49.9	42.1
TOTAL HORTICULTURAL SPECIALTIES	47.2	46.9	45.7
ORNAMENTAL FLORAL & NURSERY	47.5	47.1	45.7
FOOD CROPS GROWN UNDER COVER	44.8	45.3	45.5
GENERAL FARM PRIMARILY CROP	44.5	44.0	45.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.3	50.3	47.0
BEEF CATTLE FEED LOTS	50.8	51.3	51.9
BEEF CATTLE EXCEPT FEED LOTS	43.2	43.0	43.3
DAIRY FARMS	49.5	53.2	48.6
CHICKEN EGGS	48.0	47.5	45.5
TURKEYS & TURKEY EGGS	50.3	49.8	52.1
OTHER LIVESTOCK	47.5	47.5	43.6
TOTAL AGRICULTURAL SERVICES	38.0	38.4	38.2
SOIL PREPARATION SERVICES	54.5	54.0	59.2
CROP SERVICES	39.4	41.3	38.1
PLANT CULTIVATE & PROTECTION	43.8	44.2	39.5
HARVEST PRIMARILY BY MACHINE	37.0	40.3	33.8
PREPARATION SVCS FOR MARKET	39.3	41.0	39.2
COTTON GINNING	39.6	39.4	36.5
TOTAL FARM LABOR & MANAGEMENT	37.4	37.2	38.0
FARM LABOR CONTRACTORS	36.9	36.8	37.6
FARM MANAGEMENT SERVICES	43.7	43.5	43.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	6.45	6.43	6.44
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.39	6.33	6.39
CASH GRAINS	6.73	6.86	6.62
RICE	6.98	7.08	6.85
OTHER CASH GRAINS	6.47	6.54	6.41
FIELD CROPS EXCEPT CASH GRAINS	6.33	6.27	6.31
COTTON	6.37	6.20	6.37
OTHER FIELD CROPS	6.28	6.34	6.24
VEGETABLES AND MELONS	6.88	6.88	6.96
TOTAL FRUITS AND TREE NUTS	6.22	6.06	6.20
BERRIES	6.45	6.22	6.36
GRAPES	6.43	6.38	6.56
TREE NUTS	5.97	5.95	5.87
CITRUS FRUITS	7.18	7.38	6.99
DECIDUOUS TREE FRUIT	5.38	5.35	5.48
OTHER FRUITS AND NUTS	6.10	5.54	5.75
TOTAL HORTICULTURAL SPECIALTIES	6.88	6.93	6.81
ORNAMENTAL FLORAL & NURSERY	6.68	6.74	6.62
FOOD CROPS GROWN UNDER COVER	8.45	8.43	8.40
GENERAL FARM PRIMARILY CROP	5.95	5.95	6.04
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.29	7.30	7.22
BEEF CATTLE FEED LOTS	7.18	6.93	6.79
BEEF CATTLE EXCEPT FEED LOTS	7.67	7.79	7.53
DAIRY FARMS	7.35	7.40	7.33
CHICKEN EGGS	6.73	6.48	6.71
TURKEYS & TURKEY EGGS	7.20	7.18	6.23
OTHER LIVESTOCK	7.15	7.12	7.16
TOTAL AGRICULTURAL SERVICES	6.38	6.43	6.37
SOIL PREPARATION SERVICES	9.12	9.10	9.06
CROP SERVICES	7.19	7.40	7.22
PLANT CULTIVATE & PROTECTION	7.46	7.57	7.40
HARVEST PRIMARILY BY MACHINE	7.03	7.70	7.21
PREPARATION SVCS FOR MARKET	7.15	7.24	7.17
COTTON GINNING	8.49	8.70	8.00
TOTAL FARM LABOR & MANAGEMENT	6.04	6.02	6.03
FARM LABOR CONTRACTORS	5.98	5.93	5.96
FARM MANAGEMENT SERVICES	6.79	7.03	6.72

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# **SAN JOAQUIN** Wage and Salary Employer

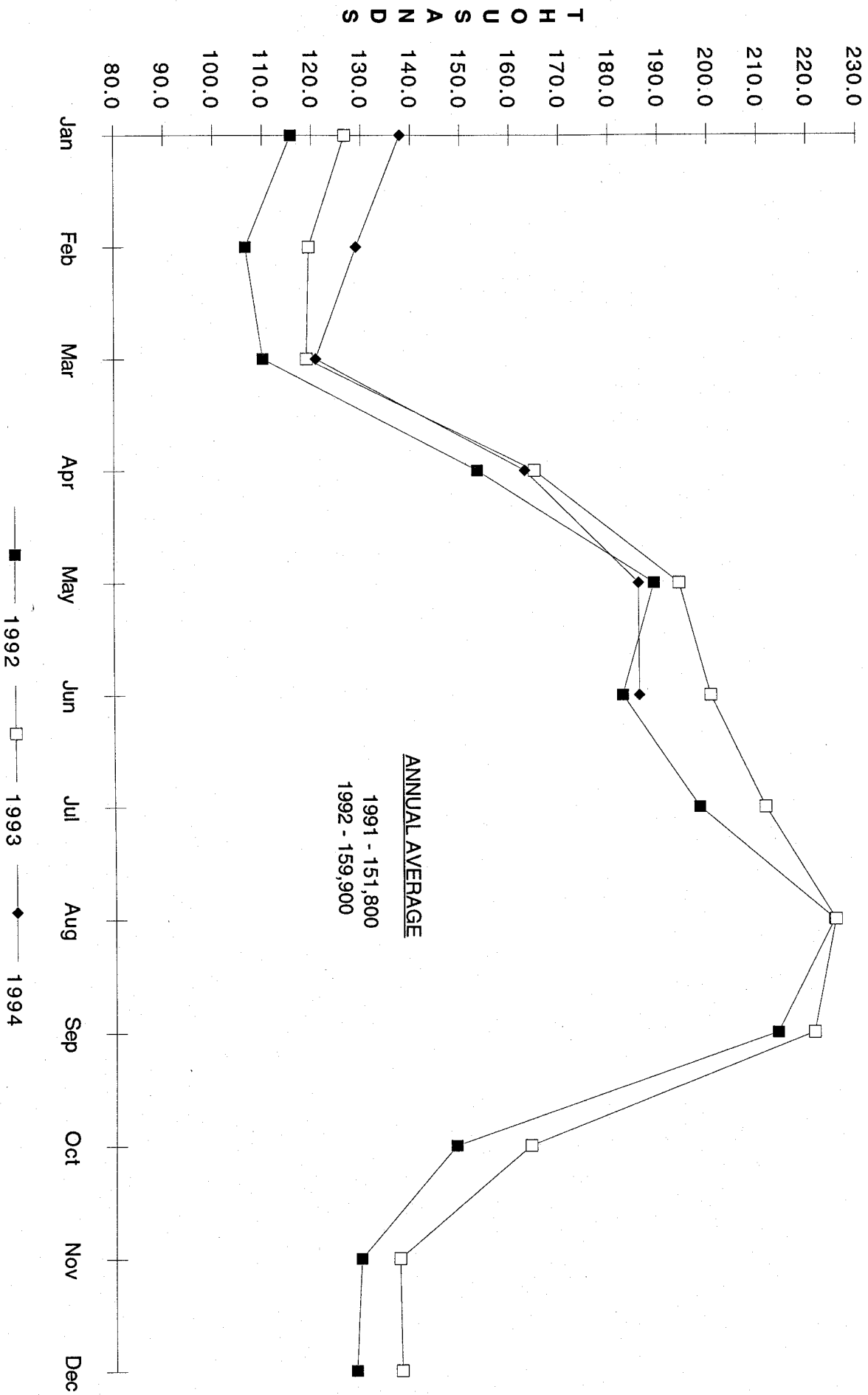


TABLE 2-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	186.2	186.0	207.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	86.6	86.9	94.1
TOTAL FIELD CROPS	12.2	11.8	12.2
COTTON	7.5	6.8	7.9
OTHER FIELD CROPS	4.7	5.0	4.3
VEGETABLES AND MELONS	7.7	7.6	6.3
TOTAL FRUITS AND TREE NUTS	45.8	46.2	52.7
GRAPES	19.9	20.3	22.9
TREE NUTS	3.9	4.1	4.1
CITRUS FRUITS	2.8	3.0	3.0
DECIDUOUS TREE FRUIT	11.7	11.9	13.4
OTHER FRUITS AND NUTS	7.5	6.9	9.3
HORTICULTURAL SPECIALTIES	2.8	3.1	3.2
GENERAL FARM PRIMARILY CROP	18.1	18.2	19.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.7	13.6	13.7
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.2	1.3
DAIRY FARMS	9.2	9.1	9.0
POULTRY & EGGS	1.9	1.9	2.0
OTHER LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	85.9	85.5	99.2
CROP SERVICES	22.6	21.9	24.9
PLANT CULTIVATE & PROTECTION	4.3	4.0	4.2
HARVEST PRIMARILY BY MACHINE	3.1	2.3	3.6
PREPARATION SVCS FOR MARKET	14.4	14.8	16.3
COTTON GINNING	0.8	0.8	0.8
TOTAL FARM LABOR & MANAGEMENT	63.3	63.6	74.3
FARM LABOR CONTRACTORS	58.6	59.0	69.4
FARM MANAGEMENT SERVICES	4.7	4.6	4.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	176.7	175.8	196.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	81.6	81.6	88.7
TOTAL FIELD CROPS	11.2	10.7	11.2
COTTON	6.9	6.2	7.4
OTHER FIELD CROPS	4.3	4.5	3.8
VEGETABLES AND MELONS	7.1	7.0	5.8
TOTAL FRUITS AND TREE NUTS	43.9	44.0	50.6
GRAPES	19.3	19.5	22.1
TREE NUTS	3.5	3.5	3.6
CITRUS FRUITS	2.6	2.9	2.9
DECIDUOUS TREE FRUIT	11.3	11.5	13.0
OTHER FRUITS AND NUTS	7.2	6.6	9.0
HORTICULTURAL SPECIALTIES	2.4	2.7	2.7
GENERAL FARM PRIMARILY CROP	17.0	17.2	18.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.6	12.5	12.7
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.1	1.1	1.1
DAIRY FARMS	8.6	8.5	8.4
POULTRY & EGGS	1.7	1.7	1.9
OTHER LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	82.5	81.7	95.3
CROP SERVICES	20.2	19.2	22.4
PLANT CULTIVATE & PROTECTION	3.6	3.3	3.6
HARVEST PRIMARILY BY MACHINE	2.8	1.9	3.4
PREPARATION SVCS FOR MARKET	13.2	13.4	14.8
COTTON GINNING	0.6	0.6	0.6
TOTAL FARM LABOR & MANAGEMENT	62.3	62.5	72.9
FARM LABOR CONTRACTORS	57.9	58.2	68.3
FARM MANAGEMENT SERVICES	4.4	4.3	4.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	251.03	259.95	250.62
TOTAL AGRICULTURAL PRODUCTION/CROPS	269.70	267.41	267.44
TOTAL FIELD CROPS	329.21	291.81	331.17
COTTON	324.10	264.08	322.19
OTHER FIELD CROPS	337.61	330.71	348.32
VEGETABLES AND MELONS	284.50	277.01	264.49
TOTAL FRUITS AND TREE NUTS	245.95	260.33	245.50
GRAPES	250.43	259.25	258.13
TREE NUTS	271.40	259.45	252.70
CITRUS FRUITS	281.85	319.20	258.08
DECIDUOUS TREE FRUIT	232.72	234.54	232.72
OTHER FRUITS AND NUTS	227.20	284.35	228.10
HORTICULTURAL SPECIALTIES	342.17	355.81	324.31
GENERAL FARM PRIMARILY CROP	276.71	251.55	280.95
TOTAL AGRIC PRODUCTION/LIVESTOCK	358.16	377.86	341.51
BEEF CATTLE FEED LOTS	341.53	352.91	340.58
BEEF CATTLE EXCEPT FEED LOTS	342.38	343.85	333.31
DAIRY FARMS	370.24	399.53	353.28
POULTRY & EGGS	331.60	329.41	315.00
OTHER LIVESTOCK	323.57	314.73	305.96
TOTAL AGRICULTURAL SERVICES	216.34	234.96	223.61
CROP SERVICES	267.90	297.09	254.79
PLANT CULTIVATE & PROTECTION	336.17	352.50	337.37
HARVEST PRIMARILY BY MACHINE	253.93	375.82	251.13
PREPARATION SVCS FOR MARKET	249.64	270.60	234.25
COTTON GINNING	323.85	324.52	280.55
TOTAL FARM LABOR & MANAGEMENT	199.82	215.65	214.33
FARM LABOR CONTRACTORS	192.39	209.25	210.00
FARM MANAGEMENT SERVICES	296.88	305.44	276.07

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	41.7	42.2	41.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.1	44.2	45.1
TOTAL FIELD CROPS	51.6	46.1	52.4
COTTON	50.8	42.8	50.5
OTHER FIELD CROPS	53.0	50.8	56.0
VEGETABLES AND MELONS	50.0	46.4	47.4
TOTAL FRUITS AND TREE NUTS	41.9	43.9	42.4
GRAPES	41.6	42.5	43.9
TREE NUTS	46.0	43.9	42.4
CITRUS FRUITS	39.2	39.9	36.4
DECIDUOUS TREE FRUIT	42.7	42.8	42.7
OTHER FRUITS AND NUTS	40.0	51.7	40.3
HORTICULTURAL SPECIALTIES	43.7	44.2	41.9
GENERAL FARM PRIMARILY CROP	47.3	43.0	47.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.4	51.2	47.3
BEEF CATTLE FEED LOTS	47.9	50.2	47.7
BEEF CATTLE EXCEPT FEED LOTS	41.3	40.5	41.2
DAIRY FARMS	49.3	53.2	48.0
POULTRY & EGGS	45.3	46.2	45.0
OTHER LIVESTOCK	54.2	53.8	52.3
TOTAL AGRICULTURAL SERVICES	37.3	38.9	37.9
CROP SERVICES	40.9	42.2	38.2
PLANT CULTIVATE & PROTECTION	45.8	47.0	45.9
HARVEST PRIMARILY BY MACHINE	38.3	43.7	33.0
PREPARATION SVCS FOR MARKET	40.2	41.0	37.6
COTTON GINNING	38.6	38.0	36.2
TOTAL FARM LABOR & MANAGEMENT	36.2	37.9	37.8
FARM LABOR CONTRACTORS	35.3	37.3	37.3
FARM MANAGEMENT SERVICES	47.5	46.0	44.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	6.02	6.16	6.01
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.98	6.05	5.93
TOTAL FIELD CROPS	6.38	6.33	6.32
COTTON	6.38	6.17	6.38
OTHER FIELD CROPS	6.37	6.51	6.22
VEGETABLES AND MELONS	5.69	5.97	5.58
TOTAL FRUITS AND TREE NUTS	5.87	5.93	5.79
GRAPES	6.02	6.10	5.88
TREE NUTS	5.90	5.91	5.96
CITRUS FRUITS	7.19	8.00	7.09
DECIDUOUS TREE FRUIT	5.45	5.48	5.45
OTHER FRUITS AND NUTS	5.68	5.50	5.66
HORTICULTURAL SPECIALTIES	7.83	8.05	7.74
GENERAL FARM PRIMARILY CROP	5.85	5.85	5.89
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.40	7.38	7.22
BEEF CATTLE FEED LOTS	7.13	7.03	7.14
BEEF CATTLE EXCEPT FEED LOTS	8.29	8.49	8.09
DAIRY FARMS	7.51	7.51	7.36
POULTRY & EGGS	7.32	7.13	7.00
OTHER LIVESTOCK	5.97	5.85	5.85
TOTAL AGRICULTURAL SERVICES	5.80	6.04	5.90
CROP SERVICES	6.55	7.04	6.67
PLANT CULTIVATE & PROTECTION	7.34	7.50	7.35
HARVEST PRIMARILY BY MACHINE	6.63	8.60	7.61
PREPARATION SVCS FOR MARKET	6.21	6.60	6.23
COTTON GINNING	8.39	8.54	7.75
TOTAL FARM LABOR & MANAGEMENT	5.52	5.69	5.67
FARM LABOR CONTRACTORS	5.45	5.61	5.63
FARM MANAGEMENT SERVICES	6.25	6.64	6.19

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# SOUTH COAST

## Wage and Salary Employment

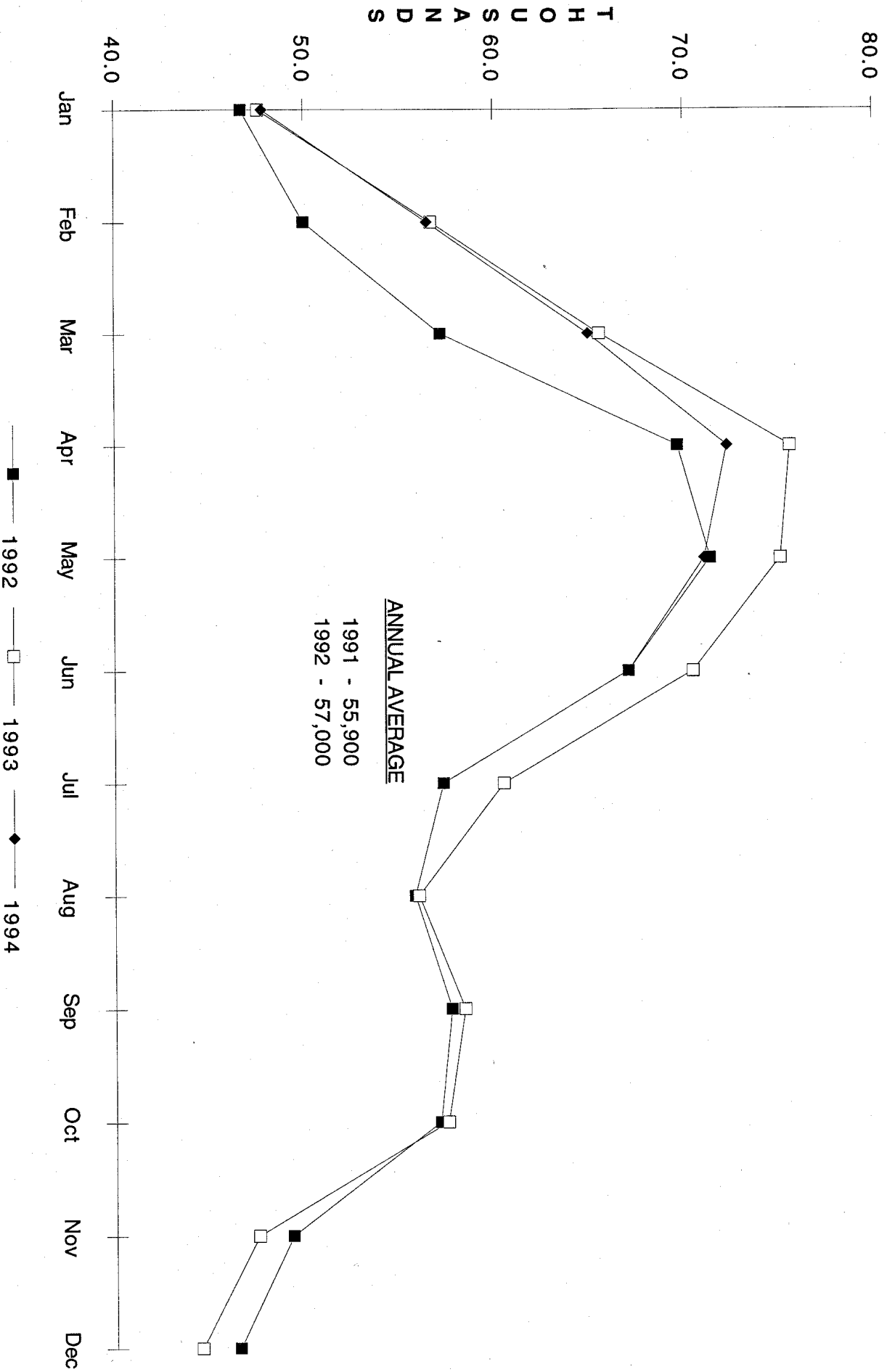


TABLE 3-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	67.1	71.1	68.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	47.6	50.8	47.9
VEGETABLES AND MELONS	10.2	10.2	10.4
TOTAL FRUITS AND TREE NUTS	17.7	20.9	17.5
BERRIES	12.3	15.5	11.8
CITRUS FRUITS	2.3	2.2	2.3
OTHER FRUITS AND NUTS	3.1	3.2	3.4
TOTAL HORTICULTURAL SPECIALTIES	15.1	15.2	15.3
ORNAMENTAL FLORAL & NURSERY	14.4	14.5	14.5
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.8
GENERAL FARM PRIMARILY CROP	4.6	4.5	4.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.3	2.2	2.4
TOTAL AGRICULTURAL SERVICES	17.2	18.1	18.5
CROP SERVICES	5.8	6.1	5.8
HARVEST PRIMARILY BY MACHINE	2.9	3.0	2.7
PREPARATION SVCS FOR MARKET	2.9	3.1	3.1
TOTAL FARM LABOR & MANAGEMENT	11.4	12.0	12.7
FARM LABOR CONTRACTORS	9.7	10.1	10.9
FARM MANAGEMENT SERVICES	1.7	1.9	1.8

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	61.2	65.0	62.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.0	46.0	42.8
VEGETABLES AND MELONS	9.4	9.4	9.5
TOTAL FRUITS AND TREE NUTS	17.1	20.2	16.8
BERRIES	12.1	15.3	11.6
CITRUS FRUITS	2.1	1.9	2.0
OTHER FRUITS AND NUTS	2.9	3.0	3.2
TOTAL HORTICULTURAL SPECIALTIES	12.2	12.3	12.4
ORNAMENTAL FLORAL & NURSERY	11.6	11.7	11.8
FOOD CROPS GROWN UNDER COVER	0.6	0.6	0.6
GENERAL FARM PRIMARILY CROP	4.3	4.1	4.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	2.0
TOTAL AGRICULTURAL SERVICES	16.3	17.1	17.4
CROP SERVICES	5.4	5.6	5.3
HARVEST PRIMARILY BY MACHINE	2.7	2.8	2.5
PREPARATION SVCS FOR MARKET	2.7	2.8	2.8
TOTAL FARM LABOR & MANAGEMENT	10.9	11.5	12.1
FARM LABOR CONTRACTORS	9.3	9.8	10.5
FARM MANAGEMENT SERVICES	1.6	1.7	1.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	277.69	264.21	269.06
TOTAL AGRICULTURAL PRODUCTION/CROPS	278.80	259.10	272.06
VEGETABLES AND MELONS	317.25	314.24	326.88
TOTAL FRUITS AND TREE NUTS	233.62	200.28	223.72
BERRIES	213.50	183.92	205.70
CITRUS FRUITS	282.96	255.22	264.15
OTHER FRUITS AND NUTS	282.15	251.54	262.57
TOTAL HORTICULTURAL SPECIALTIES	308.00	307.52	296.96
ORNAMENTAL FLORAL & NURSERY	302.88	301.77	292.49
FOOD CROPS GROWN UNDER COVER	409.76	415.58	381.00
GENERAL FARM PRIMARILY CROP	291.47	283.83	272.22
TOTAL AGRIC PRODUCTION/LIVESTOCK	321.32	323.25	309.89
TOTAL AGRICULTURAL SERVICES	271.44	269.36	255.99
CROP SERVICES	304.44	292.19	274.91
HARVEST PRIMARILY BY MACHINE	311.66	318.84	287.65
PREPARATION SVCS FOR MARKET	296.87	266.81	264.22
TOTAL FARM LABOR & MANAGEMENT	254.14	258.47	247.16
FARM LABOR CONTRACTORS	249.90	255.18	247.53
FARM MANAGEMENT SERVICES	280.36	273.46	247.09

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	41.2	39.2	40.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.5	39.8	41.6
VEGETABLES AND MELONS	45.0	44.7	46.3
TOTAL FRUITS AND TREE NUTS	37.2	32.2	36.2
BERRIES	35.0	30.4	34.0
CITRUS FRUITS	39.3	35.3	37.1
OTHER FRUITS AND NUTS	45.0	39.8	43.4
TOTAL HORTICULTURAL SPECIALTIES	47.9	47.9	46.4
ORNAMENTAL FLORAL & NURSERY	48.0	47.9	46.5
FOOD CROPS GROWN UNDER COVER	46.3	46.8	44.2
GENERAL FARM PRIMARILY CROP	42.8	42.3	39.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	42.9	43.1	43.1
TOTAL AGRICULTURAL SERVICES	37.7	37.0	37.1
CROP SERVICES	40.7	38.7	37.2
HARVEST PRIMARILY BY MACHINE	40.9	41.3	37.7
PREPARATION SVCS FOR MARKET	40.5	36.3	36.8
TOTAL FARM LABOR & MANAGEMENT	36.1	36.2	37.0
FARM LABOR CONTRACTORS	35.0	35.1	37.0
FARM MANAGEMENT SERVICES	43.0	42.2	37.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	6.74	6.74	6.66
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.56	6.51	6.54
VEGETABLES AND MELONS	7.05	7.03	7.06
TOTAL FRUITS AND TREE NUTS	6.28	6.22	6.18
BERRIES	6.10	6.05	6.05
CITRUS FRUITS	7.20	7.23	7.12
OTHER FRUITS AND NUTS	6.27	6.32	6.05
TOTAL HORTICULTURAL SPECIALTIES	6.43	6.42	6.40
ORNAMENTAL FLORAL & NURSERY	6.31	6.30	6.29
FOOD CROPS GROWN UNDER COVER	8.85	8.88	8.62
GENERAL FARM PRIMARILY CROP	6.81	6.71	6.98
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.49	7.50	7.19
TOTAL AGRICULTURAL SERVICES	7.20	7.28	6.90
CROP SERVICES	7.48	7.55	7.39
HARVEST PRIMARILY BY MACHINE	7.62	7.72	7.63
PREPARATION SVCS FOR MARKET	7.33	7.35	7.18
TOTAL FARM LABOR & MANAGEMENT	7.04	7.14	6.68
FARM LABOR CONTRACTORS	7.14	7.27	6.69
FARM MANAGEMENT SERVICES	6.52	6.48	6.66

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# CENTRAL COAST

## Wage and Salary Employment

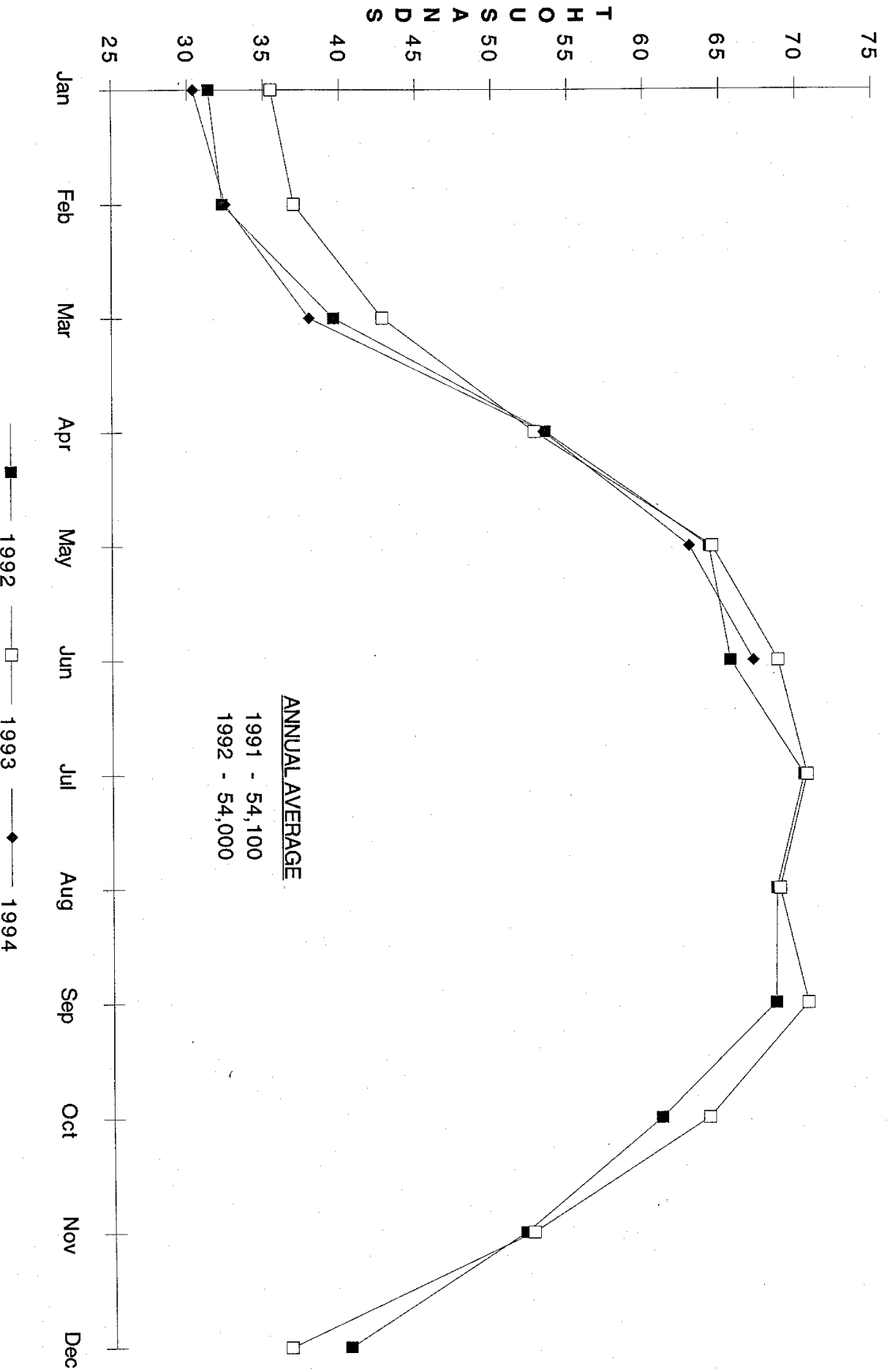


TABLE 4-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	67.2	63.0	66.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.8	41.6	45.5
VEGETABLES AND MELONS	16.2	15.4	15.1
TOTAL FRUITS AND TREE NUTS	17.0	14.6	18.2
BERRIES	13.4	11.8	14.2
DECIDUOUS TREE FRUIT	2.1	1.2	2.4
OTHER FRUITS AND NUTS	1.5	1.6	1.6
TOTAL HORTICULTURAL SPECIALTIES	9.2	9.4	9.5
ORNAMENTAL FLORAL & NURSERY	7.1	7.3	7.4
FOOD CROPS GROWN UNDER COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	2.4	2.2	2.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.1	1.0	1.1
TOTAL AGRICULTURAL SERVICES	21.3	20.4	20.1
CROP SERVICES	11.6	10.8	8.8
HARVEST PRIMARILY BY MACHINE	3.6	3.5	3.1
PREPARATION SVCS FOR MARKET	8.0	7.3	5.7
TOTAL FARM LABOR & MANAGEMENT	9.7	9.6	11.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.



TABLE 4-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	62.3	57.8	62.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.0	37.7	41.8
VEGETABLES AND MELONS	14.9	14.0	13.9
TOTAL FRUITS AND TREE NUTS	16.3	14.1	17.6
BERRIES	13.1	11.5	13.9
DECIDUOUS TREE FRUIT	1.9	1.1	2.3
OTHER FRUITS AND NUTS	1.3	1.5	1.4
TOTAL HORTICULTURAL SPECIALTIES	7.7	7.7	7.8
ORNAMENTAL FLORAL & NURSERY	5.8	5.9	6.0
FOOD CROPS GROWN UNDER COVER	1.9	1.8	1.8
GENERAL FARM PRIMARILY CROP	2.1	1.9	2.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.8	0.7	0.8
TOTAL AGRICULTURAL SERVICES	20.5	19.4	19.4
CROP SERVICES	10.9	9.9	8.1
HARVEST PRIMARILY BY MACHINE	3.5	3.3	2.9
PREPARATION SVCS FOR MARKET	7.4	6.6	5.2
TOTAL FARM LABOR & MANAGEMENT	9.6	9.5	11.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	307.70	319.44	303.30
TOTAL AGRICULTURAL PRODUCTION/CROPS	318.01	325.26	304.92
VEGETABLES AND MELONS	332.05	362.36	313.87
TOTAL FRUITS AND TREE NUTS	292.99	283.84	286.18
BERRIES	300.60	284.03	297.04
DECIDUOUS TREE FRUIT	240.00	265.98	172.28
OTHER FRUITS AND NUTS	297.58	294.76	360.48
TOTAL HORTICULTURAL SPECIALTIES	335.35	325.78	337.01
ORNAMENTAL FLORAL & NURSERY	324.48	312.36	321.98
FOOD CROPS GROWN UNDER COVER	368.58	368.91	386.51
GENERAL FARM PRIMARILY CROP	356.38	349.59	291.74
TOTAL AGRIC PRODUCTION/LIVESTOCK	331.60	339.84	303.07
TOTAL AGRICULTURAL SERVICES	285.94	307.72	300.03
CROP SERVICES	319.44	363.60	342.22
HARVEST PRIMARILY BY MACHINE	276.67	318.17	291.34
PREPARATION SVCS FOR MARKET	340.49	385.42	371.18
TOTAL FARM LABOR & MANAGEMENT	248.05	249.66	269.57

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	42.5	44.0	42.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.3	46.4	44.0
VEGETABLES AND MELONS	45.3	49.3	42.3
TOTAL FRUITS AND TREE NUTS	43.6	43.4	43.1
BERRIES	45.0	44.8	44.6
DECIDUOUS TREE FRUIT	40.0	40.3	29.2
OTHER FRUITS AND NUTS	35.3	34.8	50.7
TOTAL HORTICULTURAL SPECIALTIES	47.1	45.5	47.4
ORNAMENTAL FLORAL & NURSERY	48.0	45.8	47.7
FOOD CROPS GROWN UNDER COVER	44.3	44.5	46.4
GENERAL FARM PRIMARILY CROP	51.8	50.3	49.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.3	45.8	40.9
TOTAL AGRICULTURAL SERVICES	36.8	39.3	40.6
CROP SERVICES	36.3	40.9	39.2
HARVEST PRIMARILY BY MACHINE	36.5	41.7	36.6
PREPARATION SVCS FOR MARKET	36.3	40.4	40.7
TOTAL FARM LABOR & MANAGEMENT	37.3	37.6	41.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	7.24	7.26	7.07
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.02	7.01	6.93
VEGETABLES AND MELONS	7.33	7.35	7.42
TOTAL FRUITS AND TREE NUTS	6.72	6.54	6.64
BERRIES	6.68	6.34	6.66
DECIDUOUS TREE FRUIT	6.00	6.60	5.90
OTHER FRUITS AND NUTS	8.43	8.47	7.11
TOTAL HORTICULTURAL SPECIALTIES	7.12	7.16	7.11
ORNAMENTAL FLORAL & NURSERY	6.76	6.82	6.75
FOOD CROPS GROWN UNDER COVER	8.32	8.29	8.33
GENERAL FARM PRIMARILY CROP	6.88	6.95	5.87
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.32	7.42	7.41
TOTAL AGRICULTURAL SERVICES	7.77	7.83	7.39
CROP SERVICES	8.80	8.89	8.73
HARVEST PRIMARILY BY MACHINE	7.58	7.63	7.96
PREPARATION SVCS FOR MARKET	9.38	9.54	9.12
TOTAL FARM LABOR & MANAGEMENT	6.65	6.64	6.48

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# DESERT

## Wage and Salary Employment

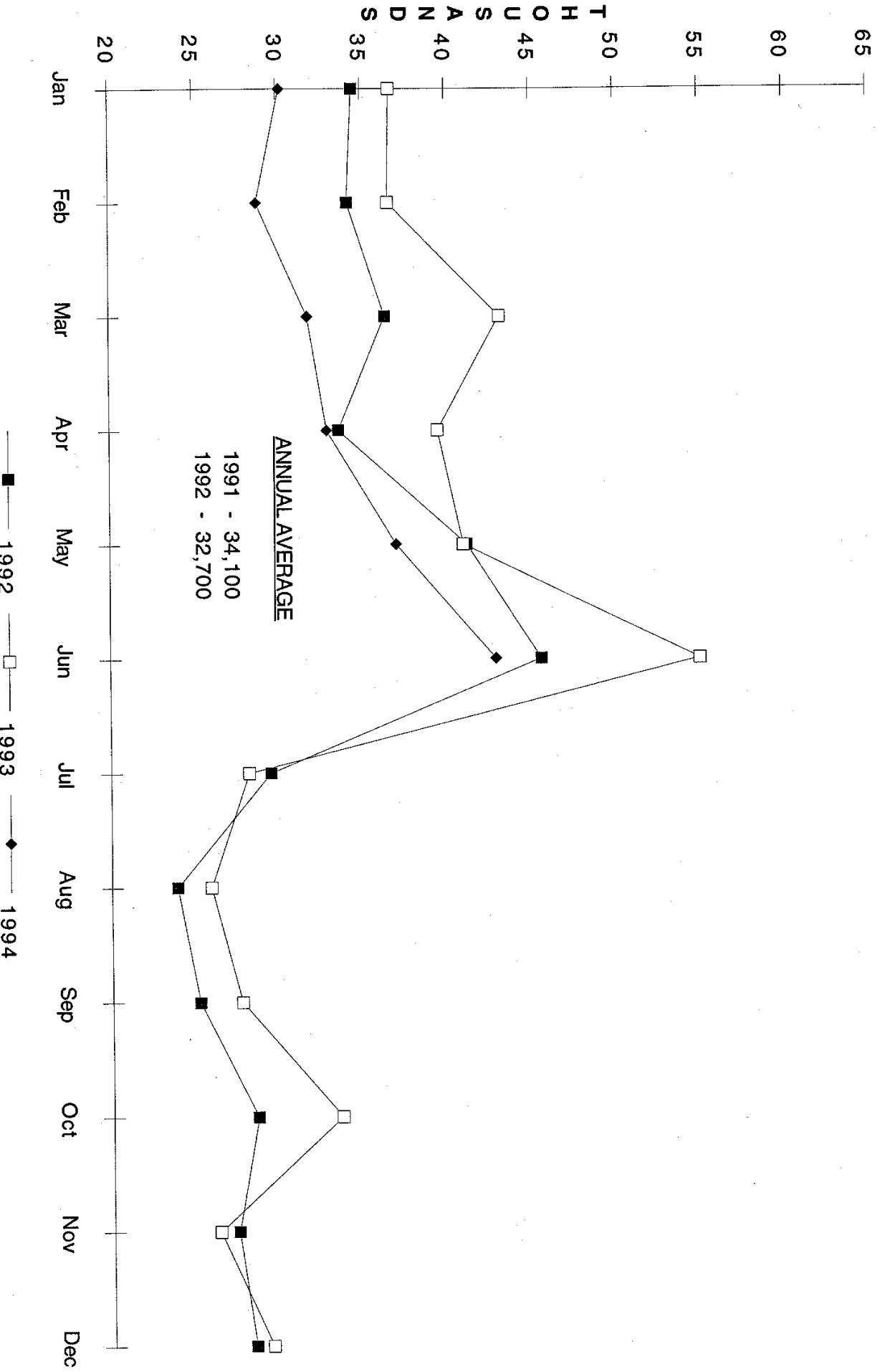


TABLE 5-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	42.9	37.0	44.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	20.0	16.0	20.5
FIELD CROPS	1.9	1.9	1.8
VEGETABLES AND MELONS	2.0	2.3	2.2
TOTAL FRUITS AND TREE NUTS	10.5	6.9	12.0
GRAPES	8.6	4.6	10.0
CITRUS FRUITS	0.9	1.1	1.0
OTHER FRUITS AND NUTS	1.0	1.2	1.0
HORTICULTURAL SPECIALTIES	0.8	0.9	0.9
GENERAL FARM PRIMARILY CROP	4.8	4.0	3.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.3	5.5	5.5
DAIRY FARMS	2.7	2.7	2.8
CHICKEN EGGS	1.2	1.3	1.2
OTHER LIVESTOCK	1.4	1.5	1.5
TOTAL AGRICULTURAL SERVICES	17.6	15.5	18.3
CROP SERVICES	5.9	5.8	5.7
PLANT CULTIVATE & PROTECTION	0.8	0.7	0.9
HARVEST PRIMARILY BY MACHINE	1.5	1.4	1.6
PREPARATION SVCS FOR MARKET	3.6	3.7	3.2
TOTAL FARM LABOR & MANAGEMENT	11.7	9.7	12.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	40.8	34.5	42.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	19.1	14.8	19.4
FIELD CROPS	1.7	1.7	1.6
VEGETABLES AND MELONS	1.9	2.1	2.1
TOTAL FRUITS AND TREE NUTS	10.2	6.5	11.6
GRAPES	8.5	4.5	9.8
CITRUS FRUITS	0.8	1.0	0.9
OTHER FRUITS AND NUTS	0.9	1.0	0.9
HORTICULTURAL SPECIALTIES	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	4.6	3.8	3.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.8	4.9	4.9
DAIRY FARMS	2.6	2.6	2.7
CHICKEN EGGS	0.9	0.9	0.9
OTHER LIVESTOCK	1.3	1.4	1.3
TOTAL AGRICULTURAL SERVICES	16.9	14.8	17.7
CROP SERVICES	5.3	5.3	5.3
PLANT CULTIVATE & PROTECTION	0.6	0.6	0.7
HARVEST PRIMARILY BY MACHINE	1.4	1.3	1.6
PREPARATION SVCS FOR MARKET	3.3	3.4	3.0
TOTAL FARM LABOR & MANAGEMENT	11.6	9.5	12.4

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	272.65	265.83	269.66
TOTAL AGRICULTURAL PRODUCTION/CROPS	268.03	254.34	261.89
FIELD CROPS	311.44	317.14	308.27
VEGETABLES AND MELONS	320.00	297.33	273.95
TOTAL FRUITS AND TREE NUTS	250.60	219.45	248.86
GRAPES	245.73	196.04	243.99
CITRUS FRUITS	292.32	313.44	287.10
OTHER FRUITS AND NUTS	262.04	235.88	261.84
HORTICULTURAL SPECIALTIES	387.85	362.25	368.68
GENERAL FARM PRIMARILY CROP	250.73	240.35	254.77
TOTAL AGRIC PRODUCTION/LIVESTOCK	407.04	410.18	417.96
DAIRY FARMS	475.25	478.11	490.76
CHICKEN EGGS	308.95	303.05	300.03
OTHER LIVESTOCK	341.65	354.45	349.41
TOTAL AGRICULTURAL SERVICES	240.30	230.89	238.55
CROP SERVICES	235.60	247.66	229.96
PLANT CULTIVATE & PROTECTION	283.20	304.47	240.54
HARVEST PRIMARILY BY MACHINE	166.46	167.33	138.07
PREPARATION SVCS FOR MARKET	256.31	269.63	276.23
TOTAL FARM LABOR & MANAGEMENT	242.85	221.96	241.56

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 5-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
DESERT REGION  
(IN HOURS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	39.4	40.4	38.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.3	40.5	37.9
FIELD CROPS	49.2	50.5	48.7
VEGETABLES AND MELONS	50.0	51.0	44.4
TOTAL FRUITS AND TREE NUTS	35.0	33.1	35.1
GRAPES	33.8	29.0	33.7
CITRUS FRUITS	42.0	42.3	43.5
OTHER FRUITS AND NUTS	40.5	42.5	42.3
HORTICULTURAL SPECIALTIES	48.3	45.0	46.2
GENERAL FARM PRIMARILY CROP	39.3	41.8	36.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.1	49.9	50.6
DAIRY FARMS	49.3	49.7	52.6
CHICKEN EGGS	48.5	48.8	47.1
OTHER LIVESTOCK	49.3	51.0	48.8
TOTAL AGRICULTURAL SERVICES	36.8	37.3	36.7
CROP SERVICES	38.0	40.8	38.2
PLANT CULTIVATE & PROTECTION	47.2	51.0	42.8
HARVEST PRIMARILY BY MACHINE	28.7	29.1	26.1
PREPARATION SVCS FOR MARKET	40.3	43.7	43.5
TOTAL FARM LABOR & MANAGEMENT	36.3	35.4	36.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	6.92	6.58	6.95
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.82	6.28	6.91
FIELD CROPS	6.33	6.28	6.33
VEGETABLES AND MELONS	6.40	5.83	6.17
TOTAL FRUITS AND TREE NUTS	7.16	6.63	7.09
GRAPES	7.27	6.76	7.24
CITRUS FRUITS	6.96	7.41	6.60
OTHER FRUITS AND NUTS	6.47	5.55	6.19
HORTICULTURAL SPECIALTIES	8.03	8.05	7.98
GENERAL FARM PRIMARILY CROP	6.38	5.75	6.98
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.29	8.22	8.26
DAIRY FARMS	9.64	9.62	9.33
CHICKEN EGGS	6.37	6.21	6.37
OTHER LIVESTOCK	6.93	6.95	7.16
TOTAL AGRICULTURAL SERVICES	6.53	6.19	6.50
CROP SERVICES	6.20	6.07	6.02
PLANT CULTIVATE & PROTECTION	6.00	5.97	5.62
HARVEST PRIMARILY BY MACHINE	5.80	5.75	5.29
PREPARATION SVCS FOR MARKET	6.36	6.17	6.35
TOTAL FARM LABOR & MANAGEMENT	6.69	6.27	6.71

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# SACRAMENTO

## Wage and Salary Employment

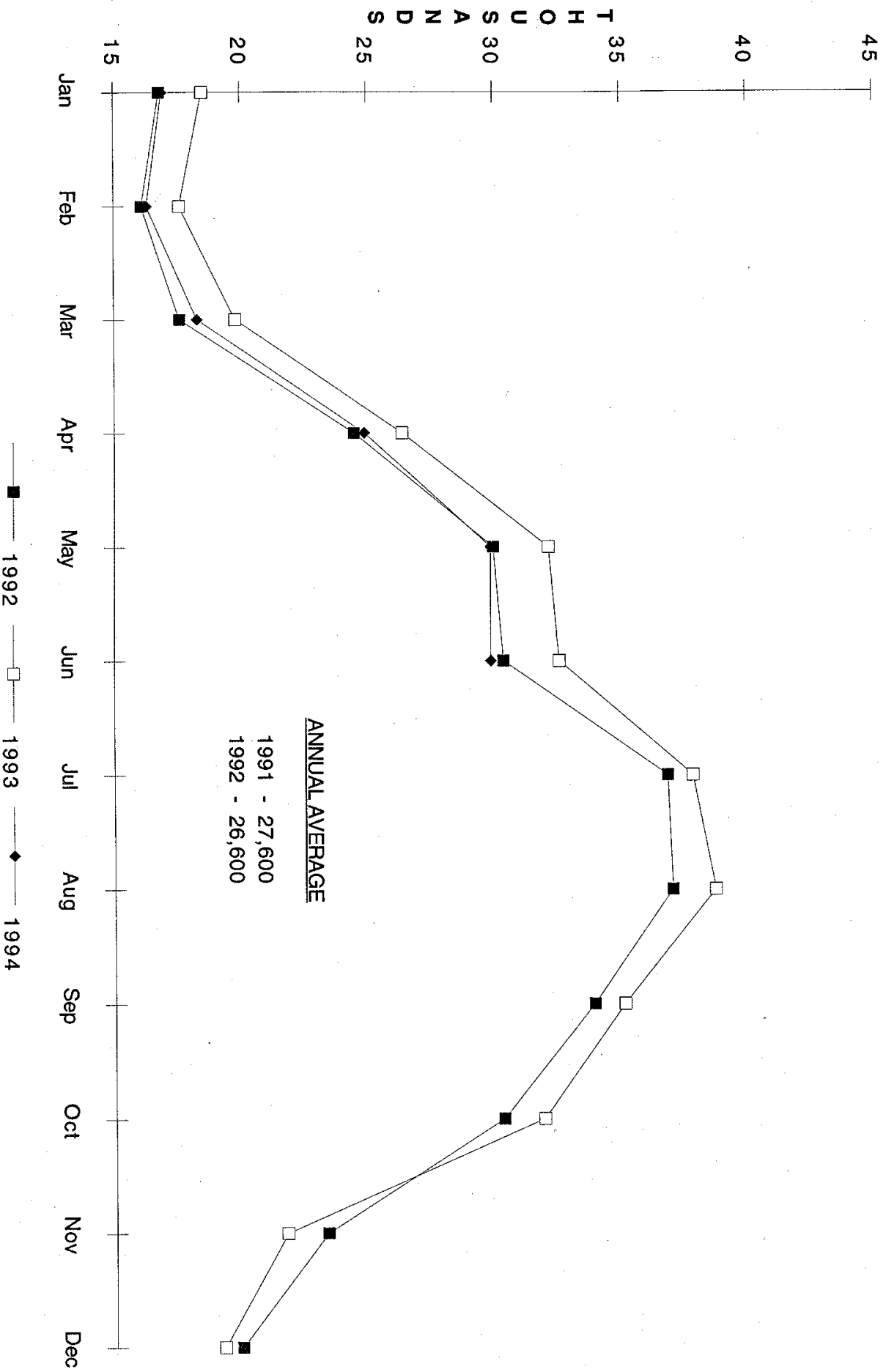


TABLE 6-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	29.9	29.9	30.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	20.8	20.8	20.1
RICE	1.3	1.7	1.2
VEGETABLES AND MELONS	2.7	2.6	2.6
TOTAL FRUIT AND TREE NUTS	7.0	7.0	6.5
TREE NUTS	1.8	1.8	1.7
DECIDUOUS TREE FRUIT	3.8	3.9	3.1
OTHER FRUITS AND NUTS	1.4	1.3	1.7
HORTICULTURAL SPECIALTIES	1.5	1.4	1.7
GENERAL FARM PRIMARILY CROP	8.3	8.1	8.1
TOTAL AGRIC. PRODUCTION/LIVESTOCK	1.6	1.6	1.9
TOTAL AGRICULTURAL SERVICES	7.5	7.5	8.6
CROP SERVICES	2.1	2.6	2.5
HARVEST PRIMARILY BY MACHINE	1.1	1.4	1.4
PREPARATION SVCS FOR MARKET	1.0	1.2	1.1
TOTAL FARM LABOR & MANAGEMENT	5.4	4.9	6.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 SACRAMENTO VALLEY REGION  
 (IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	27.4	27.3	28.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	19.1	19.1	18.3
RICE	1.1	1.4	1.1
VEGETABLES AND MELONS	2.6	2.5	2.2
TOTAL FRUIT AND TREE NUTS	6.3	6.5	6.1
TREE NUTS	1.6	1.6	1.6
DECIDUOUS TREE FRUIT	3.5	3.7	3.0
OTHER FRUITS AND NUTS	1.2	1.2	1.5
HORTICULTURAL SPECIALTIES	1.3	1.1	1.4
GENERAL FARM PRIMARILY CROP	7.8	7.6	7.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.4	1.4	1.7
TOTAL AGRICULTURAL SERVICES	6.9	6.8	8.0
CROP SERVICES	1.6	2.0	2.0
HARVEST PRIMARILY BY MACHINE	0.8	1.1	1.1
PREPARATION SVCS FOR MARKET	0.8	0.9	0.9
TOTAL FARM LABOR & MANAGEMENT	5.3	4.8	6.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	285.45	299.09	276.96
TOTAL AGRICULTURAL PRODUCTION/CROPS	298.54	304.42	292.14
RICE	384.82	386.10	361.70
VEGETABLES AND MELONS	374.78	372.75	383.13
TOTAL FRUIT AND TREE NUTS	242.95	240.93	244.94
TREE NUTS	271.45	288.30	266.69
DECIDUOUS TREE FRUIT	226.57	208.88	231.65
OTHER FRUITS AND NUTS	254.36	274.34	248.63
HORTICULTURAL SPECIALTIES	310.62	335.16	275.11
GENERAL FARM PRIMARILY CROP	303.57	316.57	296.88
TOTAL AGRIC PRODUCTION/LIVESTOCK	309.16	319.97	327.34
TOTAL AGRICULTURAL SERVICES	245.39	279.89	232.85
CROP SERVICES	297.90	385.22	295.06
HARVEST PRIMARILY BY MACHINE	305.81	439.28	307.98
PREPARATION SVCS FOR MARKET	290.06	317.70	279.64
TOTAL FARM LABOR & MANAGEMENT	229.41	235.52	212.27

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	49.3	49.6	48.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	50.6	50.4	49.6
RICE	54.2	54.0	50.8
VEGETABLES AND MELONS	59.3	58.7	59.4
TOTAL FRUIT AND TREE NUTS	42.4	41.9	43.2
TREE NUTS	44.5	46.5	44.3
DECIDUOUS TREE FRUIT	40.1	37.3	41.0
OTHER FRUITS AND NUTS	46.5	49.7	46.3
HORTICULTURAL SPECIALTIES	46.5	50.4	41.0
GENERAL FARM PRIMARILY CROP	54.5	54.3	53.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.2	49.0	49.9
TOTAL AGRICULTURAL SERVICES	46.3	47.6	44.1
CROP SERVICES	43.3	51.5	42.7
HARVEST PRIMARILY BY MACHINE	43.5	57.8	43.5
PREPARATION SVCS FOR MARKET	43.1	43.7	41.8
TOTAL FARM LABOR & MANAGEMENT	47.3	46.0	44.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	5.79	6.03	5.77
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.90	6.04	5.89
RICE	7.10	7.15	7.12
VEGETABLES AND MELONS	6.32	6.35	6.45
TOTAL FRUIT AND TREE NUTS	5.73	5.75	5.67
TREE NUTS	6.10	6.20	6.02
DECIDUOUS TREE FRUIT	5.65	5.60	5.65
OTHER FRUITS AND NUTS	5.47	5.52	5.37
HORTICULTURAL SPECIALTIES	6.68	6.65	6.71
GENERAL FARM PRIMARILY CROP	5.57	5.83	5.57
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.55	6.53	6.56
TOTAL AGRICULTURAL SERVICES	5.30	5.88	5.28
CROP SERVICES	6.88	7.48	6.91
HARVEST PRIMARILY BY MACHINE	7.03	7.60	7.08
PREPARATION SVCS FOR MARKET	6.73	7.27	6.69
TOTAL FARM LABOR & MANAGEMENT	4.85	5.12	4.77

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# NORTH COAST

## Wage and Salary Employment

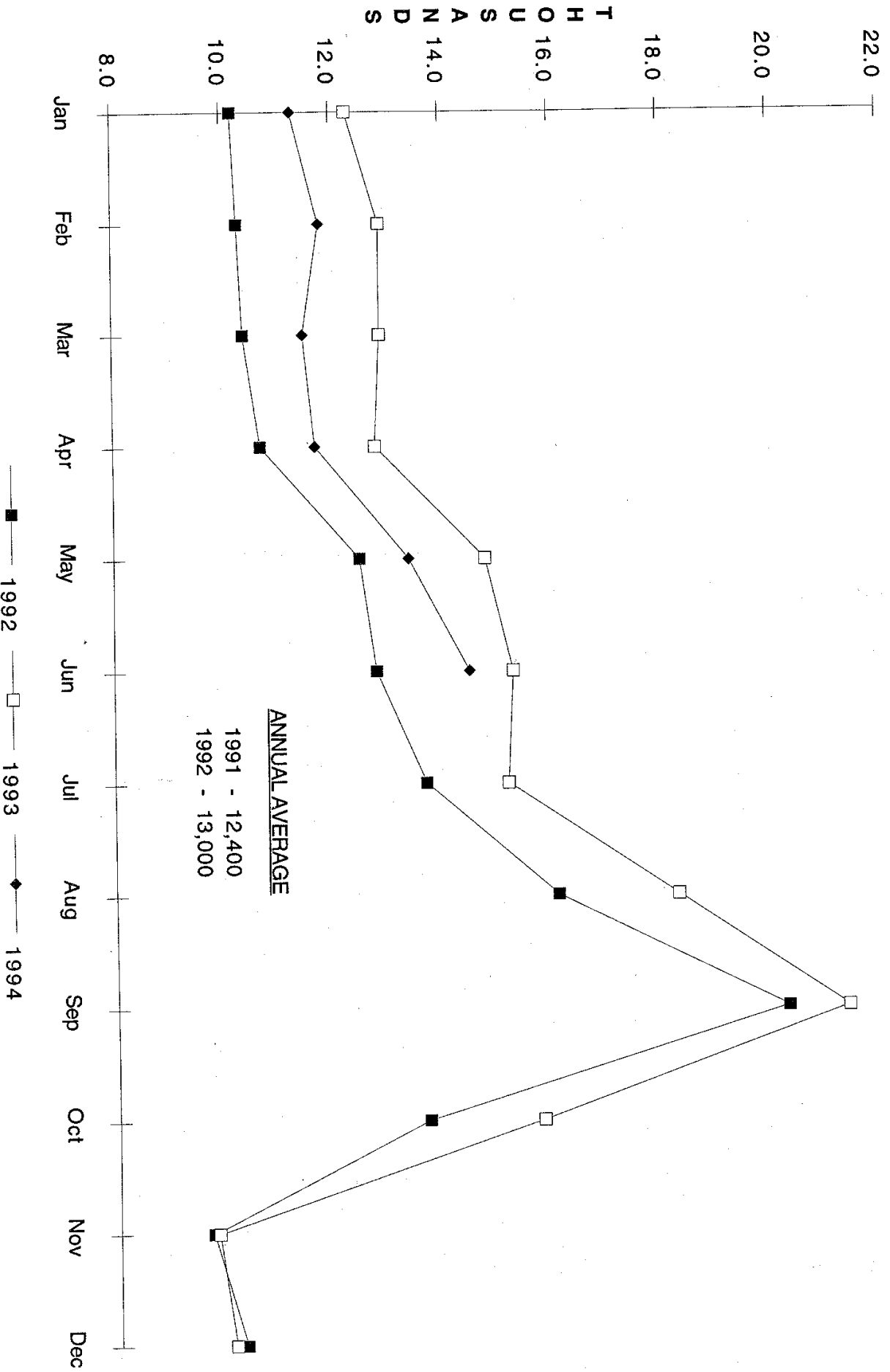


TABLE 7-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
NORTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	14.5	13.4	14.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	10.2	9.6	9.9
TOTAL FRUITS AND TREE NUTS	7.8	7.4	7.8
GRAPES	6.5	6.3	6.4
OTHER FRUITS AND NUTS	1.3	1.1	1.4
TOTAL HORTICULTURAL SPECIALTIES	1.4	1.4	1.2
GENERAL FARM PRIMARILY CROP (2)	1.0	0.8	0.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	1.8	2.0
TOTAL AGRICULTURAL SERVICES	2.3	2.0	2.3

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 NORTH COAST REGION  
 (IN THOUSANDS)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	12.0	11.1	11.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	8.3	7.8	7.9
TOTAL FRUITS AND TREE NUTS	6.2	5.8	6.2
GRAPES	5.0	4.8	4.9
OTHER FRUITS AND NUTS	1.2	1.0	1.3
TOTAL HORTICULTURAL SPECIALTIES	1.1	1.2	0.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.6	1.7
TOTAL AGRICULTURAL SERVICES	2.0	1.7	2.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	325.42	333.00	315.95
TOTAL AGRICULTURAL PRODUCTION/CROPS	318.62	323.21	311.95
TOTAL FRUITS AND TREE NUTS	326.25	333.69	317.34
GRAPES	331.14	350.67	321.30
OTHER FRUITS AND NUTS	303.20	252.30	301.06
TOTAL HORTICULTURAL SPECIALTIES	308.62	286.42	297.40
TOTAL AGRIC PRODUCTION/LIVESTOCK	313.02	333.06	299.46
TOTAL AGRICULTURAL SERVICES	361.49	377.72	345.53

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	44.7	44.4	44.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.5	43.5	44.5
TOTAL FRUITS AND TREE NUTS	43.5	42.4	43.0
GRAPES	43.4	43.4	42.5
OTHER FRUITS AND NUTS	43.5	37.6	44.8
TOTAL HORTICULTURAL SPECIALTIES	46.2	43.2	49.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.1	48.2	46.0
TOTAL AGRICULTURAL SERVICES	44.3	44.7	43.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	JUN 1994	MAY 1994	JUN 1993
TOTAL AGRICULTURAL	7.28	7.50	7.10
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.16	7.43	7.01
TOTAL FRUITS AND TREE NUTS	7.50	7.87	7.38
GRAPES	7.63	8.08	7.56
OTHER FRUITS AND NUTS	6.97	6.71	6.72
TOTAL HORTICULTURAL SPECIALTIES	6.68	6.63	5.96
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.79	6.91	6.51
TOTAL AGRICULTURAL SERVICES	8.16	8.45	7.98

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.